

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/520,084
Source: PLT
Date Processed by STIC: 1-13-05

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PCT

RAW SEQUENCE LISTING

DATE: 01/13/2005

PATENT APPLICATION: US/10/520,084

TIME: 10:44:36

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01132005\J520084.raw

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3 <110> APPLICANT: Ajit LALVANI
4      Katie EWER
5      ISIS INNOVATION LIMITED
7 <120> TITLE OF INVENTION: DIAGNOSTICS METHOD
9 <130> FILE REFERENCE: 3772-22 / N.86130A JCI
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/520,084
12 <141> CURRENT FILING DATE: 2005-01-05
14 <150> PRIOR APPLICATION NUMBER: PCT/GB03/002936
15 <151> PRIOR FILING DATE: 2003-07-07
17 <150> PRIOR APPLICATION NUMBER: GB 0215710.5
18 <151> PRIOR FILING DATE: 2002-07-05
20 <160> NUMBER OF SEQ ID NOS: 37
22 <170> SOFTWARE: PatentIn version 3.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 15
26 <212> TYPE: PRT
27 <213> ORGANISM: Mycobacterium tuberculosis
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31 1      5      10      15
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 15
36 <212> TYPE: PRT
37 <213> ORGANISM: Mycobacterium tuberculosis
39 <400> SEQUENCE: 2
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41 1      5      10      15
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 15
46 <212> TYPE: PRT
47 <213> ORGANISM: Mycobacterium tuberculosis
49 <400> SEQUENCE: 3
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51 1      5      10      15
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 15
56 <212> TYPE: PRT
57 <213> ORGANISM: Mycobacterium tuberculosis
59 <400> SEQUENCE: 4
60 Ser Ala Ile Gln Gly Asn Val Thr Ser Ile His Ser Leu Leu Asp
61 1      5      10      15
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 15

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66 <212> TYPE: PRT
67 <213> ORGANISM: Mycobacterium tuberculosis
69 <400> SEQUENCE: 5
70 Asn Val Thr Ser Ile His Ser Leu Leu Asp Glu Gly Lys Gln Ser
71 1           5           10           15
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 15
76 <212> TYPE: PRT
77 <213> ORGANISM: Mycobacterium tuberculosis
79 <400> SEQUENCE: 6
80 His Ser Leu Leu Asp Glu Gly Lys Gln Ser Leu Thr Lys Leu Ala
81 1           5           10           15
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 15
86 <212> TYPE: PRT
87 <213> ORGANISM: Mycobacterium tuberculosis
89 <400> SEQUENCE: 7
90 Glu Gly Lys Gln Ser Leu Thr Lys Leu Ala Ala Ala Trp Gly Gly
91 1           5           10           15
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 15
96 <212> TYPE: PRT
97 <213> ORGANISM: Mycobacterium tuberculosis
99 <400> SEQUENCE: 8
100 Leu Thr Lys Leu Ala Ala Ala Trp Gly Gly Ser Gly Ser Glu Ala
101 1           5           10           15
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 15
106 <212> TYPE: PRT
107 <213> ORGANISM: Mycobacterium tuberculosis
109 <400> SEQUENCE: 9
110 Ala Ala Trp Gly Gly Ser Gly Ser Glu Ala Tyr Gln Gly Val Gln
111 1           5           10           15
114 <210> SEQ ID NO: 10
115 <211> LENGTH: 15
116 <212> TYPE: PRT
117 <213> ORGANISM: Mycobacterium tuberculosis
119 <400> SEQUENCE: 10
120 Ser Gly Ser Glu Ala Tyr Gln Gly Val Gln Gln Lys Trp Asp Ala
121 1           5           10           15
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 15
126 <212> TYPE: PRT
127 <213> ORGANISM: Mycobacterium tuberculosis
129 <400> SEQUENCE: 11
130 Tyr Gln Gly Val Gln Gln Lys Trp Asp Ala Thr Ala Thr Glu Leu
131 1           5           10           15
134 <210> SEQ ID NO: 12
135 <211> LENGTH: 15

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136 <212> TYPE: PRT
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139 <400> SEQUENCE: 12
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144 <210> SEQ ID NO: 13
145 <211> LENGTH: 15
146 <212> TYPE: PRT
147 <213> ORGANISM: Mycobacterium tuberculosis
149 <400> SEQUENCE: 13
150 Thr Ala Thr Glu Leu Asn Asn Ala Leu Gln Asn Leu Ala Arg Thr
151 1          5          10          15
154 <210> SEQ ID NO: 14
155 <211> LENGTH: 15
156 <212> TYPE: PRT
157 <213> ORGANISM: Mycobacterium tuberculosis
159 <400> SEQUENCE: 14
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161 1          5          10          15
164 <210> SEQ ID NO: 15
165 <211> LENGTH: 15
166 <212> TYPE: PRT
167 <213> ORGANISM: Mycobacterium tuberculosis
169 <400> SEQUENCE: 15
170 Asn Leu Ala Arg Thr Ile Ser Glu Ala Gly Gln Ala Met Ala Ser
171 1          5          10          15
174 <210> SEQ ID NO: 16
175 <211> LENGTH: 15
176 <212> TYPE: PRT
177 <213> ORGANISM: Mycobacterium tuberculosis
179 <400> SEQUENCE: 16
180 Ile Ser Glu Ala Gly Gln Ala Met Ala Ser Thr Glu Gly Asn Val
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184 <210> SEQ ID NO: 17
185 <211> LENGTH: 15
186 <212> TYPE: PRT
187 <213> ORGANISM: Mycobacterium tuberculosis
189 <400> SEQUENCE: 17
190 Gln Ala Met Ala Ser Thr Glu Gly Asn Val Thr Gly Met Phe Ala
191 1          5          10          15
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195 <211> LENGTH: 15
196 <212> TYPE: PRT
197 <213> ORGANISM: Mycobacterium tuberculosis
199 <400> SEQUENCE: 18
200 Met Ala Glu Met Lys Thr Asp Ala Ala Thr Leu Ala Gln Glu Ala
201 1          5          10          15
204 <210> SEQ ID NO: 19
205 <211> LENGTH: 15

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206 <212> TYPE: PRT
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209 <400> SEQUENCE: 19
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214 <210> SEQ ID NO: 20
215 <211> LENGTH: 15
216 <212> TYPE: PRT
217 <213> ORGANISM: Mycobacterium tuberculosis
219 <400> SEQUENCE: 20
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221 1          5          10          15
224 <210> SEQ ID NO: 21
225 <211> LENGTH: 15
226 <212> TYPE: PRT
227 <213> ORGANISM: Mycobacterium tuberculosis
229 <400> SEQUENCE: 21
230 Gly Asn Phe Glu Arg Ile Ser Gly Asp Leu Lys Thr Gln Ile Asp
231 1          5          10          15
234 <210> SEQ ID NO: 22
235 <211> LENGTH: 15
236 <212> TYPE: PRT
237 <213> ORGANISM: Mycobacterium tuberculosis
239 <400> SEQUENCE: 22
240 Ile Ser Gly Asp Leu Lys Thr Gln Ile Asp Gln Val Glu Ser Thr
241 1          5          10          15
244 <210> SEQ ID NO: 23
245 <211> LENGTH: 15
246 <212> TYPE: PRT
247 <213> ORGANISM: Mycobacterium tuberculosis
249 <400> SEQUENCE: 23
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251 1          5          10          15
254 <210> SEQ ID NO: 24
255 <211> LENGTH: 15
256 <212> TYPE: PRT
257 <213> ORGANISM: Mycobacterium tuberculosis
259 <400> SEQUENCE: 24
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261 1          5          10          15
264 <210> SEQ ID NO: 25
265 <211> LENGTH: 15
266 <212> TYPE: PRT
267 <213> ORGANISM: Mycobacterium tuberculosis
269 <400> SEQUENCE: 25
270 Ala Gly Ser Leu Gln Gly Gln Trp Arg Gly Ala Ala Gly Thr Ala
271 1          5          10          15
274 <210> SEQ ID NO: 26
275 <211> LENGTH: 15

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276 <212> TYPE: PRT
277 <213> ORGANISM: Mycobacterium tuberculosis
279 <400> SEQUENCE: 26
280 Gly Gln Trp Arg Gly Ala Ala Gly Thr Ala Ala Gln Ala Ala Val
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284 <210> SEQ ID NO: 27
285 <211> LENGTH: 15
286 <212> TYPE: PRT
287 <213> ORGANISM: Mycobacterium tuberculosis
289 <400> SEQUENCE: 27
290 Ala Ala Gly Thr Ala Ala Gln Ala Ala Val Val Arg Phe Gln Glu
291 1          5          10          15
294 <210> SEQ ID NO: 28
295 <211> LENGTH: 15
296 <212> TYPE: PRT
297 <213> ORGANISM: Mycobacterium tuberculosis
299 <400> SEQUENCE: 28
300 Ala Gln Ala Ala Val Val Arg Phe Gln Glu Ala Ala Asn Lys Gln
301 1          5          10          15
304 <210> SEQ ID NO: 29
305 <211> LENGTH: 15
306 <212> TYPE: PRT
307 <213> ORGANISM: Mycobacterium tuberculosis
309 <400> SEQUENCE: 29
310 Val Arg Phe Gln Glu Ala Ala Asn Lys Gln Lys Gln Glu Leu Asp
311 1          5          10          15
314 <210> SEQ ID NO: 30
315 <211> LENGTH: 15
316 <212> TYPE: PRT
317 <213> ORGANISM: Mycobacterium tuberculosis
319 <400> SEQUENCE: 30
320 Ala Ala Asn Lys Gln Lys Gln Glu Leu Asp Glu Ile Ser Thr Asn
321 1          5          10          15
324 <210> SEQ ID NO: 31
325 <211> LENGTH: 15
326 <212> TYPE: PRT
327 <213> ORGANISM: Mycobacterium tuberculosis
329 <400> SEQUENCE: 31
330 Lys Gln Glu Leu Asp Glu Ile Ser Thr Asn Ile Arg Gln Ala Gly
331 1          5          10          15
334 <210> SEQ ID NO: 32
335 <211> LENGTH: 15
336 <212> TYPE: PRT
337 <213> ORGANISM: Mycobacterium tuberculosis
339 <400> SEQUENCE: 32
340 Glu Ile Ser Thr Asn Ile Arg Gln Ala Gly Val Gln Tyr Ser Arg
341 1          5          10          15
344 <210> SEQ ID NO: 33
345 <211> LENGTH: 15

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VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number